BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Construction of Culverts at Dasarahalli Surrounding area in ward no. 06, Byatarayanapura Sub Division**

EMB
ABSTRACT

Job Code : 006-22-000009

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BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
Bill Abstract

Name of work: Construction of Culverts at Dasarahalli Surrounding area in ward no. 06, Byatarayanapura Sub Division

Work Order No: BBMP/EE/BTP/WO/16/2022-23 dt: 22.04.2022

JOB NUMBER: 006-22-000009

Estimate Cost: 15.00 lakhs.

Name of Contractor : Sri. V. Ponnuswamy

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
	PRE- Page 1	Cum					554.91	200.00	110982.00
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	PRE- Page - 2	Cum					23.25	4630.00	107648.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	Bill Page - 1 to 2	Cum					47.88	7000.00	335160.00
3	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600 & 2200 Specification No. Pg No.229 Item No.28.8.2								224000.00
	PRE. Page 2	Tonne					3.20	70000.00	223979.00
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Bill Page - 2	Sqm					119.70	1800.00	215460.00
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge								
	Bill page - 2 to 3	Sqm					36.00	4999.16	179970.00
							Grand Total	1173220	1173199.00
							GST Charges (12% of estimated		140784.00
							Total Amount		1313983.00

1314006.40

Assistant Engineer
Ward No. 06

Page 1 of 1

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-560024

Rounded off 13,15,500.00

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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Construction of Culverts at Dasarahalli Surrounding area in ward no. 06, Byatarayanapura Sub Division**

Pre Measurements

Job Code : **006-22-000009**

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BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
Pre Measurements

Name of work: Construction of Culverts at Dasarahalli Surrounding area in ward no. 06, Byatarayanapura Sub Division

Work Order No: BBMP/EE/BTP/WO/16/2022-23 dt: 22.04.2022

JOB NUMBER: 006-22-000009

Estimate Cost: 15.00 lakhs.

Name of Contractor : Sri. V. Ponnuswamy

Sl No	Description of item	Unit	No	L	B	D	Qty
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)						
	2nd Cross Munikempanna Layout Right Side	Cum	1	30.00	1.10	1.10	36.30
			1	30.00	1.10	1.10	36.30
			1	30.00	1.10	1.10	36.30
			1	2.50	1.10	1.10	3.03
	For Culverts						0.00
	2nd Cross Munikempanna L/o Near Citizen Fabrication		1	6.80	1.65	1.10	12.34
	Maruthi Layout 3rd Cross Right Side		1	6.50	1.65	1.10	11.80
	19th Cross Bhuvaneshwari Nagar left Side Behind Bharath Petroleum		1	6.85	1.65	1.10	12.43
	19th Cross Bhuvaneshwari Nagar Right Side Behind Bharath Petroleum		1	6.80	1.65	1.10	12.34
	Maruthi Layout Main Road Near 8th Cross		1	7.30	1.65	1.10	13.25
	Drain desiliting						
	Fatima layout Main road Left Side		3	30.00	0.45	0.40	16.20
	Fatima layout Main road Right Side		3	30.00	0.45	0.40	16.20
	prashantinagar 2nd cross Left Side		7	30.00	0.45	0.40	37.80
	prashantinagar 2nd cross Right Side		7	30.00	0.45	0.40	37.80
	Prashanthinagra 3rd Cross Left Side		8	30.00	0.45	0.40	43.20
	Prashanthinagra 3rd Cross Right Side		8	30.00	0.45	0.40	43.20
	Prashanthinagra 4th Cross Left Side		7	30.00	0.45	0.40	37.80
	Prashanthinagra 4th Cross Right Side		7	30.00	0.45	0.40	37.80
	Removal of over burden Earth						
	Prashanthinagra 2nd Cross		2	30.00	1.3	0.25	19.50
			2	30.00	1.25	0.30	22.50
			1	27.00	1.2	0.30	9.72
			1	24.00	1.25	0.25	7.50
	Prashanthinagra 3rd Cross		2	30.00	1.3	0.25	19.50
			2	30.00	1.25	0.25	18.75
	Prashanthinagra 4th Cross		1	26.00	1.25	0.25	8.13
			1	19.00	1.1	0.25	5.23
					Actiual Qty		554.91

02.05.2022

Assistant Engineer
Ward No. 06

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P Bangalore-560024

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2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering						
	2nd Cross Munikempanna Layout Right Side		1	30.00	1.10	0.15	4.95
			1	30.00	1.10	0.15	4.95
			1	30.00	1.10	0.15	4.95
			1	2.50	1.10	0.15	0.41
	For Culverts						
	2nd Cross Munikempanna L/o Near Citizen Fabrication		1	6.80	1.65	0.15	1.68
	Maruthi Layout 3rd Cross Right Side		1	6.50	1.65	0.15	1.61
	19th Cross Bhuvaneshwari Nagar left Side Behind Bharath Petroleum		1	6.85	1.65	0.15	1.70
	19th Cross Bhuvaneshwari Nagar Right Side Behind Bharath Petroleum		1	6.80	1.65	0.15	1.68
	Maruthi Layout Main Road Near 8th Cross		1	7.30	1.65	0.15	1.81
					Actiual Qty		**23.74**
					Ltd to		**23.25**

03.05.2022

Assistant Engineer
Ward No. 06

Assistant Executive Engineer
Byatarayanapura Sub Division

3	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600 & 2200 Specification No. Pg No.229 Item No.28.8.2						
	For RCC Drain						
	10 mm main bars	2	514	2.20	**2261.60**	0.62	1402.19
	8 mm bars	16	30.00		480.00		
		16	30.00		480.00		
		16	30.00		480.00		
		16	2.50		40.00		
					1480.00	0.39	577.25
	For Culverts						
	10 mm bars	54	2	2.50	270.00		
		52	2	2.50	260.00		
		55	2	2.50	275.00		
		54	2	2.50	270.00		
		58	2	2.50	290.00		
					1365.00	0.62	846.30
	8 mm bars	28	6.80		190.40		0
		28	6.50		182.00		0
		28	6.85		191.80		0
		28	6.80		190.40		0
		28	7.30		204.40		0
					959.00	0.39	374.01
						Total in Kgs	**3199.702**
						Total in Tonnes	**3.200**

05.05.2022

Assistant Engineer
Ward No. 06

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P Bangalore-560024

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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Construction of Culverts at Dasarahalli Surrounding area in ward no. 06, Byatarayanapura Sub Division**

Detail Measurements

Job Code : 006-22-000009

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BRUHATH BANGALORE MAHANAGARAPA
YELAHANKA ZONE
1ST AND FINAL BILL

Name of work: Construction of Culverts at Dasarahalli Surrounding area in ward no. 06, Byatarayanapura Sub Division

Work Order No: BBMP/EE/BTP/WO/16/2022-23 dt: 22.04.2022

JOB NUMBER: 006-22-000009

Estimate Cost: 15.00 lakhs.

Name of Contractor : Sri. V. Ponnuswamy

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
		Cum							
	Qty Recorded as per Premeasurement Page No. is 1						554.91	200.00	110982.00
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
		Cum							
	Qty Recorded as per Premeasurement Page No. is 2						23.25	4630.00	107648.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	Bottom concrete	Cum							
	2nd Cross Munikempanna Layout Right Side		1	30.00	1.05	0.15	4.73		
			1	30.00	1.05	0.15	4.73		
			1	30.00	1.05	0.15	4.73		
			1	2.50	1.05	0.15	0.39		
	For Culverts								
	2nd Cross Munikempanna L/o Near Citizen Fabrication		1	6.80	1.6	0.15	1.63		
	Maruthi Layout 3rd Cross Right Side		1	6.50	1.6	0.15	1.56		
	19th Cross Bhuvaneshwari Nagar left Side Behind Bharath Petroleum		1	6.85	1.6	0.15	1.64		
	19th Cross Bhuvaneshwari Nagar Right Side Behind Bharath Petroleum		1	6.80	1.6	0.15	1.63		
	Maruthi Layout Main Road Near 8th Cross		1	7.30	1.6	0.15	1.75		
	Drain wall						22.79		

Assistant Executive Engineer
Byatarayanapura Sub Division

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	2nd Cross Munikempanna Layout Right Side		2	30.00	0.15	0.60	5.40		
			2	30.00	0.15	0.60	5.40		
			2	30.00	0.15	0.60	5.40		
			2	2.50	0.15	0.60	0.45		
	for CD wall								
	2nd Cross Munikempanna L/o Near Citizen Fabrication		2	6.80	0.25	0.60	2.04		
	Maruthi Layout 3rd Cross Right Side		2	6.50	0.25	0.60	1.95		
	19th Cross Bhuvaneshwari Nagar left Side Behind Bharath Petroleum		2	6.85	0.25	0.60	2.06		
	19th Cross Bhuvaneshwari Nagar Right Side Behind Bharath Petroleum		2	6.80	0.25	0.60	2.04		
	Maruthi Layout Main Road Near 8th Cross		2	7.30	0.25	0.60	2.19		
					Total Qty		49.71		
					Ltd to		**47.88**	**7000.00**	**335160.00**
3	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600 & 2200 Specification No. Pg								
		Tonne							
	Qty Recorded as per Premeasurement Page No. is 2						**3.20**	**70000.00**	**223979.00**
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	2nd Cross Munikempanna Layout Right Side	Sqm	1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	2.50	0.90		2.25		
	Replace For Missing Slabs		1	11.00	0.90		9.90		
			1	9.00	0.90		8.10		
			1	11.90	0.90		10.71		
			1	9.00	0.90		8.10		
					Total Qty		120.06		
					Ltd to		**119.70**	**1800.00**	**215460.00**
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge								
	2nd Cross Munikempanna L/o Near Citizen Fabrication	Sqm	1	6.60	1.5		9.90		
	Maruthi Layout 3rd Cross Right Side		1	6.00	1.2		7.20		
	19th Cross Bhuvaneshwari Nagar left Side Behind Bharath Petroleum		1	6.60	1.2		7.92		

Assistant Executive Engineer Byatarayanapura Sub Division B.B.M.P Bangalore-560024

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19th Cross Bhuvaneshwari Nagar Right Side Behind Bharath Petroleum		1	6.60	1.2		7.92		
Shruthi Layout Main Road Near 8th Cross		1	7.20	1.2		8.64	16.56	
				Total Qty		41.58		
				Ltd to		36.00	4999.16	179970.00
						Grand Total	1173220	1173199.00
						GST Charges (12% of estimated		140784.00
						Total Amount		1313983.00

131 4006.00

10.06.2022

Assistant Engineer
Ward No. 06

10/6/2022

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P Bangalore-560024

Round off

13,13,500.00

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